

HEAT SINK WITH METAL WIRE COIL FINS**ABSTRACT OF THE DISCLOSURE**

A heat sink is capable of being effectively produced at a low cost and having excellent heat dissipation performance. The heat sink includes fins 11 of a metal wire coil formed of coil elements 11a and 11b made by winding a flat metal wire. The fins 11 are disposed on a heat conductive base plate 10, with flat surfaces 111 of the fins arranged perpendicular to the base plate 10.